

OM PRAKASH GUPTA

Full Stack Developer

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EDUCATION

Indian Institute of Technology Ropar (IIT Ropar)

Sep 2024 – Present

Minor in Artificial Intelligence (AI) [↗](#)

Ropar, Punjab

Dr. A. P. J. Abdul Kalam Technical University

Apr 2014 – Oct 2018

B.Tech - Electrical and Electronics Engineering [↗](#)

Lucknow, Uttar Pradesh

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Technologies & Frameworks: React.js, Redux, Next.js, Node.js, Nest.js, Express.js, RESTful APIs, GraphQL, Tailwind CSS, Bootstrap, jQuery, HTML5, CSS3, Cypress, Jest

Databases: MongoDB, MySQL, PostgreSQL, Redis

Version Control: Git, GitHub, Bitbucket

Developer Tools: Jira, Confluence, Figma, Render, Vercel, Heroku

EXPERIENCE

Aipxperts Technolabs Pvt Ltd.

Apr 2025 - Jun 2025

Role - Software Engineer

Ahmedabad, Gujarat

- Developed and delivered core features for **Education Walkthrough**, **Modern School House**, and **Social Media** platforms, focusing on scalable, high-performance web applications using **React.js**, **Redux**, **Node.js**, **Express**, and **NestJS**.
- Designed and integrated **RESTful APIs** and **GraphQL APIs** to handle complex data workflows, leveraging **MySQL**, **MongoDB**, and **TypeORM** for robust relational and non-relational database management across all projects.
- Implemented authentication, authorization, and secure API layers using JWT and middleware to protect user data and manage sessions in the Education Walkthrough and Social Media platforms.
- Built responsive, mobile-first user interfaces with **React.js** and **Tailwind CSS**, ensuring seamless performance, cross-device compatibility, and an intuitive user experience across all projects.

Modex Trading Private Limited

Apr 2023 - Jan 2025

Role - Full Stack Engineer

Bangalore, Karnataka

- Designed and developed user-centric, responsive interfaces for remittance and foreign exchange modules using **React.js**, **Redux**, **Next.js**, and **Tailwind CSS**, leading to a 30% improvement in customer satisfaction.
- Created and managed **RESTful APIs** using Node.js and Express.js, integrating **SQL** and **NoSQL** databases, optimizing database performance by 40%, and enabling real-time currency exchange.
- Collaborated with cross-functional teams to **implement secure payment gateway integration**, adhering to financial regulations and safeguarding sensitive customer data.
- Performed comprehensive testing** using Jest and Postman, achieving **95% code coverage** and reducing production bugs by 25% through rigorous debugging and quality assurance.
- Worked in Agile environments** utilizing tools like Jira and Confluence, effectively managing **30+ sprints** and resolving Jira tickets with a **98% completion rate on time**.

Masai School

Jan 2022 - Feb 2023

Role - Full Stack Web Developer (Trainee)

Remote

- Completed a rigorous 1-year full-time bootcamp specializing in Full Stack Web Development using **HTML**, **CSS**, **JavaScript**, and the **MERN Stack** (MongoDB, Express.js, React.js, Node.js).
- Built 15+ mini projects and 5+ full-stack web applications, implementing features such as **user authentication**, **CRUD operations**, **responsive UI design**, **state management with Redux**, and integration of third-party APIs, while adhering to best coding practices and version control standards.
- Developed dynamic, mobile-responsive user interfaces using **React.js** and **Chakra UI**, ensuring performance and usability across devices.
- Created, tested, and optimized **RESTful APIs** using **Node.js**, **Express.js**, and **MongoDB**, implementing authentication, CRUD operations, and performance improvements.
- Worked using tools like **Git**, **GitHub**, and **Postman**, participating in daily standups, code reviews, and version control workflows.

PROJECTS

Forever

- Developed a full-stack e-commerce platform with **React.js**, **Node.js**, **Express.js**, and **MongoDB**. Implemented **JWT authentication**, **product management**, **order tracking**, and a responsive UI using **Tailwind CSS**.
- Integrated **Stripe** and **Cash Pickup** payment methods, implemented RESTful APIs, and optimized the backend with **MongoDB** and Mongoose for efficient data handling.
- Built an **Admin Dashboard** for **product** and **user management**, ensured scalability, and enhanced performance with best coding practices, API security, and **cloud-based image** storage via **Cloudinary**.

LM Exchange Application

- Developed a feature-rich **remittance and currency exchange web application** enabling users to send and receive money across countries with **real-time currency conversion**.
- Built **responsive, mobile-first UIs** using **React.js**, **Redux**, **Next.js**, and **Tailwind CSS**, ensuring seamless user experiences across devices and screen sizes.
- Created and integrated scalable **RESTful APIs** using **Node.js** and **Express.js**, handling business logic for **exchange rates**, **payment flows**, and **transaction history**.
- Implemented **JWT-based authentication** and **role-based access control** for user registration, secure login, **KYC verification**, and admin functionalities.
- Designed and optimized **MySQL relational schemas** to manage users, remittance records, and currency metadata efficiently, ensuring **data integrity** and quick retrieval.

CERTIFICATIONS/COURSEWORK

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| • Full Stack Developer  | • Java Full Stack  |
| • JavaScript (Basic)  | • Full Stack Web Development  |
| • JavaScript (Intermediate)  | • Docker  |